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Congress of the United States

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House Appropriations Request FY 2011

Project Name: S-TEMicroscope
Recipient: North Carolina State University
Recipient Address: 2701 Sullivan Drive, Campus Box 7214

Recipient City: Raleigh
Recipient State: North Carolina
Recipient Zip: 27695

Amount of Request: \$3,000,000.00

Explanation of the request:

The requested funds will be used to acquire an aberration corrected Scanning / Transmission Electron Microscope (S/TEM) equipped with Energy Dispersive X-Ray (EDS) analysis and Electron Energy Loss Spectroscopy (EELS) for the North Carolina State University Analytical Instrumentation Facility (AIF) and Nanofabrication facility (NNF). This project is a valuable use of taxpayer funds because access to this state of the art instrument will provide researchers in academia, government and private industry with the ability to obtain an atomic scale structural, elemental and chemical understanding of nano-materials and structures, thus providing the feedback needed to accelerate innovation.

In order to offer more opportunity for public scrutiny, I have posted information on each project request submitted to the Appropriations Committee at the time the request was made.

Brad Miller
Member of Congress

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